

INFIRAY OUTDOOR

RICO HD

Rugged Infrared Compact Optic

The InfiRay Outdoor RICO HD RS75 marks a new chapter in thermal technology, featuring an industry-first 1280×1024 12 μm sensor and a 75 mm f/1.0 lens. This cutting edge technology is taken a step further with a 1.03-inch large-format display with ultra-high 2560×2560 resolution and a low-distortion orthoscopic eyepiece. The RICO HD also offers crystal-clear onboard audio recording and 128GB of storage so you can capture each countdown and relive every impact. With the RICO HD RS75, InfiRay Outdoor has finally unleashed capabilities that night hunters had previously only dreamed of.



*prototype mount shown

InfiRay Outdoor



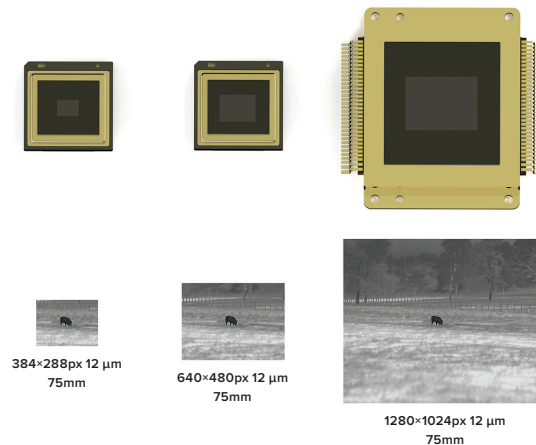
RICO HD	RS75
SENSOR	
Resolution	1280×1024
Pixel Size	12 μm
Frame Rate	30hz
Image Processing	MATRIX III
Core	InfiRay Micro II 1280
NETD	≤25 mK
OPTICS	
Objective Lens	75 mm f/1.0
Magnification	2×
Digital Zoom	16×
Field of View	11.7° × 9.4°
Detection Range	3600 Yards
Display Type	1.03-inch Large-format AMOLED
Display Resolution	2560×2560
Color Palettes	White Hot, Black Hot, Red Hot, Rainbow, Highlight
Reticle Types	7
Reticle Colors	Black, White, Red, Green
Mounting System	Picatinny MIL-STD-1913 Rail
P.I.P.	Yes
Rangefinder	ILR-1000 LRF
Eye Relief	60 mm
Diopter Range	-3 to +3
ELECTRONICS	
Onboard Recording	Video and Image
Onboard Storage	128 GB
Wireless Connectivity	Video and Image via App.
Data/Power Connector	USB-C
Power Supply	USB-C External, IBP-1 Li-ion Battery ×2 (4+ Hours Each)
Start Up Time	<10 Seconds, Instant from Standby
PHYSICAL	
Size	12.55" × 3.93" × 3.34"
Weight	44.9 Oz
ENVIRONMENTAL/WARRANTY	
Warranty	5 Years
Housing Material	Aluminum
Ingress Protection	IP67
Operation Temperature	-4°F~122°F
Max. Recoil	1000 g/s ² (300 Win./7mm Mag)

REGISTRATION: irayusa.com/register
WARRANTY: irayusa.com/warranty
SUPPORT/SERVICE: irayusa.com/support

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SENSOR RESOLUTION COMPARISON



With the RS75 from InfiRay Outdoor you don't have to choose between a wide field-of-view or long-range performance, you simply get it all! An astounding 1,310,720 pixels—four times the resolution of 640 devices—provide eye-popping clarity. Added to that, a 12-degree angular horizontal field-of-view and a detection range of 3,600 yards make the RICO HD the ultimate thermal weapon sight for any distance. Radically change your night-hunting experience with the all-new 1280 HD thermal from InfiRay Outdoor. Visit irayusa.com/rs75 to learn more.

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